

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Takashi OSHIMA *et al.*
Serial No. : Unassigned
Filed : 02 March 2004
For : VARIABLE GAIN AMPLIFIER CIRCUIT
AND GAIN CONTROL METHOD THEREOF
Art Unit : Unassigned
Examiner : Unassigned
Conf. No. : Unassigned

INFORMATION DISCLOSURE STATEMENT

Mail Room Patent Application

Commissioner for Patents

POB 1450

Alexandria, Virginia 22313-1450

03 March 2004

Sir,

In the matter of the above-identified application, Applicant hereby submits the attached information for consideration by the Office under 37 C.F.R. §§1.97, 1.98 and 1.56 in the present application, and for printing on the face of any patent issuing hereon, as listed on the attached Form PTO-1449.

In accordance with 37 CFR §1.98, no separate concise explanation of relevance is required for any information submitted herewith that is not in the English language because either an English language Abstract for the reference or an English language equivalent of the reference also is submitted herewith, or a concise explanation of the reference is incorporated into the specification, such as, *e.g.*, at page 4, lines 16 and 17.

This Information Disclosure Statement is being with the above-identified application and is therefore timely, so no Statement or fee is required for this submission.

Respectfully submitted,



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Attachments:
Form PTO-1449
Copies of Listed References

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 520.43569X00	SERIAL NO. Unassigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Takashi OSHIMA <i>et al.</i>	
		FILING DATE 2 March 2004	GROUP Unassigned

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

U.S. PATENT APPLICATIONS

	Application Number	Name	Publication Date
AI	2003/0218501 A1	Oshima <i>et al.</i>	11/27/2003
AJ			
AK			
AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract	
						Yes	No
AM	2002-016462	01/18/2002	JP			Abst.	
AN	2003-347873	12/05/2003	JP			Equiv. Abst.	
AO							
AP							
AQ							
AR							
AS							
AT							

OTHER DOCUMENTS

AU	Stroet <i>et al.</i> , "A Zero-IF Single-Chip Transceiver for up to 22Mb/s QPSK IEEE802.11b Wireless LAN," <i>ISSCC 2001</i> , Session 13, No. 13.5, Visual Supplement, pp. 164 and 165.	
AV		
AW		
Examiner		Date Considered